



Project Number: _____
For U&CF Use Only

GRANT APPLICATION FORM

Arizona Community Challenge Grant Program

Project Title: Community Pollinator Garden
Category: 5
Location (City): Safford, AZ
Tree City USA (if applicable): _____ ☐ Yes ☒ No
Name of Applicant: Gila Watershed Partnership
Address of Applicant: P.O. Box 1614
City: Thatcher State: AZ Zip: 85552
Contact Person: Steve Eady Daytime Phone: 928-651-6643
E-Mail: steveeady01@gmail.com Organization's Federal ID: 86-0917031

Brief Project Description: (Please attach a separate, maximum 3-page narrative that clearly states the project need, objectives, methods, and deliverables.)

Is this project currently funded?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Was this project previously funded?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Will this project be possible without grant funding?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Can this project occur without full requested amount?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

(a) UCF Funds Requested \$ 16,905.00
(b) Local \$ Match Provided \$ 5,400.00
(c) Value of In-Kind Match \$ 20,300.00
Total Project Amount (a+b+c) \$ 42,605.00

Timetable: (Starting Date) 1/1/15 (Ending Date) 12/31/15

Volunteer Involvement [Name of Group(s)]:

Boy Scouts of America
Arizona Conservation Corps
Eastern Arizona College

Steve Eady
Name of Representative

Executive Director
Title of Representative

Signature of Authorized Representative

Date

Upon authorization of approval for financial assistance, grantees will be assigned a grant number and a maximum dollar amount to expend. Prior to expending funds, applicants must submit an updated project workplan.



Project Number: _____

For U&CF Use Only

BUDGET PROPOSAL FORM

Arizona Community Challenge Grant Program

Applicant Name: Gila Watershed Partnership

Project Title: Community Pollinator Garden

Item	Grant Share Direct Expenses or Cash Purchases	MATCH			Total
		Applicant Direct Expenses or Cash Purchases	Applicant In-kind Personnel Services: Volunteer and Staff Hours	Applicant In-kind Donated: Services, Supplies, or Equipment use	
Administration (Project-allocable general overhead costs)	\$3,927.00	\$0.00	\$0.00	\$0.00	\$3,927.00
Personnel (Project- related Labor, both staff and volunteer time, Fringe Benefits)	\$0.00	\$0.00	\$12,500.00	\$7,800.00	\$20,300.00
Contracted Services (Forestry professionals, consultants, landscape architects, arborists, engineers, etc.)	\$0.00	\$4,500.00	\$0.00	\$0.00	\$4,500.00
Supplies (itemize as necessary – plant materials, research materials, educational materials, postage, etc.)	\$10,350.00	\$900.00	\$0.00	\$0.00	\$11,250.00
Other:	\$2,628.00	\$0.00	\$0.00	\$0.00	\$2,628.00
TOTAL:	\$16,905.00	\$5,400.00	\$12,500.00	\$7,800.00	\$42,605.00

This form is for the summary of your budget information. A detailed list of expenditures and a budget narrative should be provided on additional pages if necessary.

Arizona State Forestry Grant Proposal Narrative

1. Applicant Information

The Gila Watershed Partnership of Arizona was founded in 1992 by a group of community members who wanted to understand our environmental issues and make a contribution to the environmental decisions being made by state and federal agencies affecting our watershed. We are a 501©3 non-profit Arizona corporation. Our partners include Graham County, Greenlee County, City of Safford, Town of Thatcher, U.S. Bureau of Land Management, Arizona Department of Water Resources, U.S. Fish and Wildlife Service, University of Arizona Cooperative Extension, Coronado and Apache-Sitgreaves National Forests, Freeport MacMoRan Inc., and many more.

In 1995, our partnership developed a list of goals, objectives, and a watershed-based plan that was revised in 2005 to reflect the EPA's required nine essential elements. We design programs and projects to address our issues and seek funding to implement them. Since 1992, we have implemented over \$6 million in grant funding for watershed improvement projects.

2. Project Need

This is an ideal time for the Gila Watershed Partnership and Bureau of Land Management to partner in engaging local youth and community members in conservation awareness. In 2013, Safford, Arizona implemented water use restrictions due to water shortages. The current long-term drought and subsequent water restrictions have begun to raise awareness of water issues and create an opportunity to engage the community in conservation practices and environmental awareness. As a result of these conditions, GWP has successfully received over two million dollars in funding within the last year to work with community members and local youth crews to identify and implement riparian restoration opportunities along the Gila River.

3. Project Objectives and/or Goals

In cooperation with the BLM and Eastern Arizona College, the GWP intends to install a pollinator garden at the Discovery Park Campus of EAC. The Community Pollinator Garden will provide an introduction to the importance of pollinators to native and desert adapted tree species. It will also be registered and maintained as a Monarch Waystation. As Discovery Park is already used for outdoor educational purposes for all age groups, a large cross section of the Gila Valley community will be exposed to these concepts. The area will provide a location for outdoor field trips, native tree and plant landscaping workshops, community gardening lectures, youth enjoyment, and volunteer projects.

The Community Pollinator Garden at the Discovery Park Campus of EAC will provide a diverse natural setting for wildlife habitat and will also provide aesthetic value for community enjoyment. Discovery Park acts as a local advocate for recreating and maintaining wild environments. The construction of a Monarch Waystation and the restored habitat will serve as an educational opportunity for the community in preserving and restoring valuable ecosystems.

Arizona State Forestry Grant Proposal Narrative

3. Anticipated Project Benefits

Establishing the Community Pollinator Garden at Discovery Park will provide a host of benefits to a large cross-section of the Gila Valley community. The opportunity to engage local youth, particularly in rural communities, in conservation awareness and activities may be one of the most effective long-term conservation strategies which can be developed. We believe experiences, such as visiting the Community Pollinator Garden, will enable youth to envision what they and their community can do to protect their natural heritage.

4. Project Methods

i. Activities:

GWP will establish a pollinator garden at the EAC Discovery Park Campus in Safford, Arizona. The pollinator garden will be adjacent to an existing pond and trail system. Visitors to the garden will be able to park nearby and walk through the garden and trails. There will be branches off a main trail that lead to shade structures that collect rainwater. Surrounding each shade structure are existing mesquite trees. Native shrubs and trees will be planted that attract pollinators. We hope to attract butterflies, bees, moths, bats, and hummingbirds. Native grasses will also be seeded in the garden. The trails, parking lot grading and graveling, shade structures, rainwater harvesting cistern, benches, interpretive signs, and plantings are all part of the scope of work.

ii. Participants:

GWP, BLM, and EAC staffs are all coordinating on this project. Each group will be recruiting volunteers to participate in the project work. GWP and BLM currently work with The Arizona Conservation Corps as an opportunity to incorporate work skills and conservation education for today's youth. The Arizona Conservation Corps, Boy Scouts of America, EAC students and various local volunteer groups will also play an integral role in the installation and maintenance of the garden.

iii. Administration:

Administration of this project will be a joint effort from the Gila Watershed Partnership, Eastern Arizona College, and the Bureau of Land Management.

iv. Facilities and equipment

EAC Discovery Park Campus is located at 1651 Discovery Park Boulevard in Safford, Arizona. The campus is a large area with facilities including natural history display, space travel simulation ride, telescope, outdoor kiva, greenhouse, ranch house, and the natural park. EAC and GWP have equipment that can be utilized for implementing this project including: a tractor, skid steer with auger attachment, backhoe, cement mixer, welding equipment, and hand tools.

Arizona State Forestry Grant Proposal Narrative

v. Timetable

The project start date will be January 1, 2015 and will be completed December 31, 2015. Installation of the shade structures and water harvesting equipment will be installed during January and February. Planting of trees, shrubs, and some pollinators will begin soon after. Additional planting will resume in July and August to take advantage of the monsoon rains. Static displays, trail installation, and parking lot installation will begin to be installed during May and June with completion by December. Volunteer days and workshops will be scheduled to match the project workflow.

vi. Outcome/Results

The proposed project will result in the establishment of outdoor classroom sites, which will be used by local groups for environmental education, science, and biology classes. The creation of the pollinator garden incorporates wildlife habitat, water conservation, community education and restoration towards a resilient habitat.

GWP has a history of multi-faceted partnerships within the Gila Valley, including policy makers. The Community Pollinator Garden will provide a highly visible demonstration site for our policy makers to reference when advocating for sustainable landscaping and tree planting practices.

In addition, native plant materials grown in The Community Pollinator Garden will be used as a mother population for the Native Plant Nursery at Discovery Park. The plants grown at the Native Plant Nursery are used for restoration projects implemented by GWP, the BLM, and other public and private land managers.

Community Pollinator Garden Budget Narrative

I. Administration

- GWP overhead covers standard business expenses such as the GWP Office Administrator, insurance, annual audit, bookkeeping, office expenses, legal, board training, etc. For all expenses, overhead calculated at 8%.

Total Administration = \$3,927

Total Non-Federal Match = 0

Total Grant Requested = \$3,927

II. Personnel

- GWP Staff Time – 5 hours/week x 52 weeks = 260 hours @ \$25/hour = \$6,500
- BLM Staff Time – 5 hours/week x 52 weeks = 260 hours @ \$40/hour = \$10,400
- EAC Staff Time – 5 hours/week x 52 weeks = 260 hours @ \$30/hour = \$7,800
- Volunteer Time – 500 hours @ \$12/hour = \$6,000

Total Personnel = \$30,700

Total Non-Federal Match=\$20,300

Total Grant Requested = \$0

III. Contracted Services

- AZCC Opportunity Youth Crew 1 week @ \$4,500/week = \$4,500

Total Contracted Services = \$4,500

Total Non-Federal Match = \$4,500

Total Grant Requested = \$0

IV. Supplies

- Plant Materials
 - 5 Mesquite @ \$20/tree = \$100
 - 10 Desert Willow @ \$20/tree = \$200
 - 10 Palo Verde @ \$20/tree = \$200
 - Pollinator Seed Mix = \$200*
 - Native Plant Nursery Grown Container Stock = \$400
- Irrigation Supplies
 - Drip Irrigation Supplies = \$1000*
 - 1,000 gallon water collection tank = \$1,400*
 - Water Collection Materials = \$1,000*
- Shade Structure
 - Shade Structure Building Materials \$2,500 x 2 structures = \$5,000*
- Gravel = \$750*
- Educational Signage and Static Displays = \$1,000*

Total Supplies = \$11,250

Total Non-Federal Match = \$900

***Total Grant Requested = \$10,350**

V. Other

- AZ Certified Landscape Professional Training and Exam

Community Pollinator Garden Budget Narrative

- \$275 for membership
- \$600 for workshops and exams
- Travel for workshops in Tucson
 - 250 miles per trip x 10 trips = 2,500 miles
 - 2,500 miles @ 0.56/mile = \$1,400
- Travel
 - Travel to Phoenix for Grantee Showcase
 - 330 miles @ \$0.56/mile = \$185
 - Lodging = \$115 based on 2015 GSA standards in Phoenix
 - Per diem = \$53 based on 2015 GSA standards in Phoenix

Total Other = \$2,628

Total Non-Federal Match = \$0

Total Grant Requested = \$2,628

VI. Summary

- **Total Project Budget = \$53,005**
- **Total Non-Federal Match = \$25,700**
- **Total Grant Requested = \$16,905**



October 24, 2014

Community Challenge Grant Program
Arizona State Forestry Division, Urban Community Forestry
Alix Rogstad, M.S., Program Manager
1110 W. Washington Street, Ste 100
Phoenix, AZ 85007-2936

Dear Alix,

I am writing to inform you of the Gila Watershed Partnership of Arizona's intention of training our current greenhouse manager, Justin Johnson, to become a Certified Landscape Professional in the State of Arizona. There are ten training sessions spread out monthly in 2015, and completed by October 2015. Justin Johnson currently cares for plants in our greenhouse, shade structures and in our coppice fields.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Eady", written in a cursive style.

Steve Eady
Executive Director
Gila Watershed Partnership

Discovery Park Community Pollinator Garden Tree Care and Maintenance Plan

The Gila Watershed Partnership team will be caring for native trees, shrubs and grasses within the Community Pollinator Garden at Discovery Park. This includes pre-established trees and newly planted pollinator species. Our targeted tree species are native, desert adapted species that can be found within the Gila Valley. Newly planted trees will come from the Gila Watershed Partnership Native Plant Nursery. All trees from the nursery are propagated from locally collected seed.

The watering schedule of the trees is dependent on growth stage. Once planted, the trees would receive an initial watering and then be taken off supplemental irrigation. If needed, supplemental summer watering will occur in May and/or June before the monsoon season. All vegetation will be planted using permaculture principles to limit the amount of supplemental watering needed. The surrounding shrubs and grasses within the pollinator garden will receive water from a rainwater collection cistern to be installed. Discovery Park retains rainwater after storms due to a man-made dam structure, which allows the park vegetation to absorb more water during rain events.

Tree care will be managed by the Gila Watershed Partnership staff greenhouse manager, other greenhouse staff, BLM interns, EAC students, and volunteers. Supervision and instruction will be given by the greenhouse manager who will become an Arizona Certified Landscape Professional. The tree care team will be caring for about thirty trees within the pollinator garden area. The trees include velvet mesquite (*Prosopis velutina*), blue palo verde (*Parkinsonia florida*), and desert willow (*Chilopsis linearis*). These are slow growing native trees. Winter pruning will be done annually by staff and trained volunteers.



United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Safford Field Office
711 14th Avenue
Safford, Arizona 85546
(928) 348-1470



October 23, 2014

Community Challenge Grant Program
Arizona State Forestry Division, Urban and Community Forestry
Alix Rogstad, M.S., Program Manager
1110 W. Washington Street, Ste 100
Phoenix, AZ 85007-2935

Dear Mr. Rogstad,

I'm writing in strong support of the Gila Watershed Partnership grant application to the Urban and Community Forestry – Community Challenge Grant Program. The Gila Watershed Partnership, Bureau of Land Management, and Eastern Arizona College have partnered to develop a community pollinator garden plan which will incorporate information and education signage and provide opportunities for outdoor classroom activities for local schools. If awarded, the Community Challenge Grant funds would contribute greatly to this project through the addition of pollinator friendly shade trees.

Installation of the Community Pollinator Garden will utilize community and regional volunteer and service groups such as the Americorps – Arizona Conservation Corps, and Boy Scouts of America Organization, in additions to staff from Eastern Arizona College, The Gila Watershed Partnership, and the Safford Field Office of the Bureau of Land Management. Native pollinator displays and informational signage will be developed and installed which will communicate their importance to native fauna and agriculture. The Community Pollinator Garden area will be used for a variety of educational and recreational activities including the addition of the site to the Discovery Park Campus' school field trip programs, youth science camp activities, public education of the importance of protecting and properly maintaining existing tree cover, and static displays, benches, and shading for visitor self-education and enjoyment. The Community Pollinator Garden will provide the opportunity for community gardening lectures and on-site volunteer events that can be replicated and implemented throughout Southeastern Arizona.

This project will provide an important opportunity for teachers, students, agencies, and community members throughout the region to learn and understand the importance of native forestry and environmental preservation activities.

Sincerely,

Jeff Conn
Natural Resource Specialist



October 22, 2014

Letter of Support:
Gila Watershed Partnership

This letter is to verify support for the Gila Watershed Partnership for activities and educational projects under their direction, in conjunction with the EAC Discover Park Campus.

Specifically; the creation of a Community Pollinator Garden adjacent to the current DPC Riparian area and Pond, and consisting of pathways through multiple species of existing mature and developing tree covers with native pollinator vegetation displays and instructional signage on plant types and their importance on the native bionetwork. This project would be in association with Eastern Arizona College, The Gila Watershed Partnership, The Safford Field Office of the Bureau of Land Management, community volunteer groups, and regional volunteer and service groups such as the Americorps – Arizona Conservation Corps, and Boy Scouts of America Organization.

This display and educational area will be used for a variety of educational and recreational activities including the addition of the site to the Discovery Park Campus' school field trip programs, youth science camp activities, native seed harvesting lectures and events, public education of the importance of protecting and properly maintaining existing tree cover, and static displays, benches, and shading for visitor self-education and meditation. The Pollinator Garden site will provide the opportunity for community gardening lectures and on-site volunteer events that can be replicated and implemented throughout the Eastern Arizona region. We also anticipate the re-introduction and increased populations of specific species of insects, birds, and mammals that previously frequented this area dependent on the shelter provided by the extensive native mesquite bosques and cottonwood canopy for shelter, and pollinator plants that have historically been eradicated throughout the area.

This project will provide an important opportunity for teachers, students, agencies, and community members throughout the region to learn and understand the importance of native forestry and environmental preservation activities.

Sincerely,

Paul R. Anger

Director, EAC Discovery Park Campus
1651 W. Discovery Park Blvd.
Safford, AZ 85546
(928) 428-6260
paul.anger@cac.edu